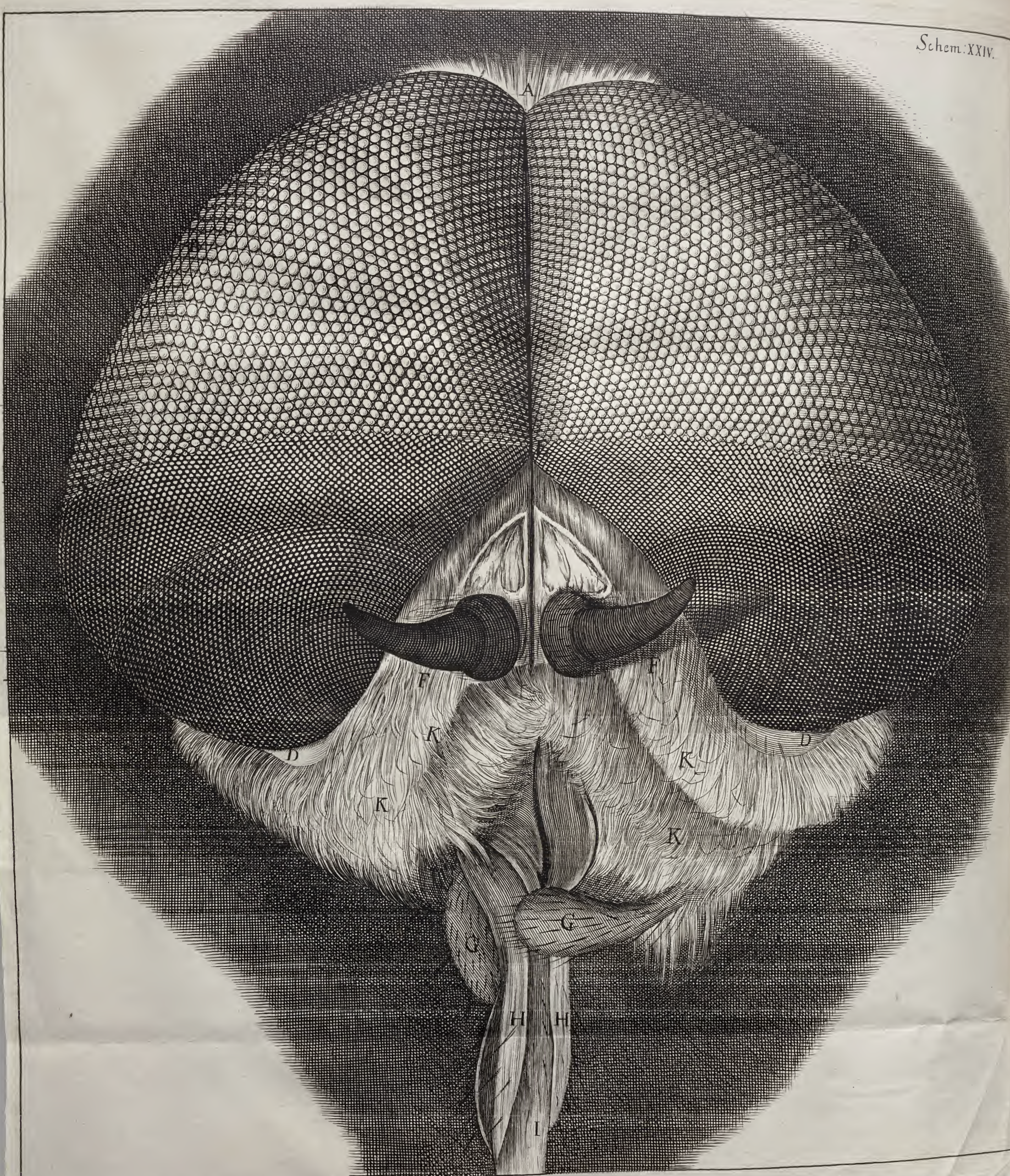


Schem. XXIV.



# MICROGR

Observ. XXXIX. Of the Eyes and of several other creatures.

I took a large grey Drone-Fly, that had a slender body in proportion to it, and the forepart or face upwards upon my table, of rather then the head of a great blue Fly, about the eyes, I found this Fly to have a face in proportion to his head, of any small Fly, being somewhat inclining towards the right. Next, because there is a greater variety of cluster, then is of any small Fly. Then in a manner, by varying the degrees of light, of kinde of light, I drew that representation of the 24. Scheme, and found these things to be notable and pleasant.

First, that the greatest part of the face of the Drone-Fly, is not covered with small Hemispheres, but two large and protuberant bunches, the surface of each of which was all covered with small Hemispheres, plac'd in a triangular manner, most compacted, and in that order, ran in very lovely rows, between each of which were long and regular trenches, the bottoms of which were intire, and not at all perforated or drilled. I was assured of, by the regularly reflected light. I mov'd to and fro between the head of the Drone-Fly, and the Cornea or outward skin, after I had found the stances that lay within it, and by looking at the light.

Next, that of those multitudes of Hemispheres, two degrees of bigness, the half of them were toward the ground or their own legs, and the other pretty deal smaller then the other, namely toward upward, and side-ways, or foreright, and not found in any other small Fly.

Thirdly, that every one of these Hemispheres neer the true shape of a Hemisphere, but smooth and regular, reflecting as exactly any Object from the surface of them, as that bigness would do, but nothing neer being very languid, much like the reflection from Glasse, Crystal, &c. In so much that I have been able to discover a Land-scape of